

ABSTRACT

A method for producing a color filter for an image sensor capable of obtaining pixels each constituted substantially into a rectangular shape and having a favorable cross-sectional pattern profile and capable of effectively preventing the deformation of a dye-containing pixel even in a case of conducting post-baking or the like, the production method comprising the processes of coating a dye-containing photo-curable composition on a substrate directly or by way of another layer, then drying to form a coating film, exposing the coating film, putting the exposed coating film to alkali development and irradiating a Ultraviolet radiation to alkali-developed coating film while heating at 20 to 50°C.